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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number

10/657,025

Filing Date

September 5, 2003

First Named Inventor

Mark P. Goldenfield

Art Unit

3641

Examiner Name

H.E. Behrend

Attorney Docket Number

ARF 2002-014

AF  
JL/11/05**ENCLOSURES (Check all that apply)**

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| <input type="checkbox"/> Fee Transmittal Form                              | <input type="checkbox"/> Fee Attached  |
| <input checked="" type="checkbox"/> Amendment/Reply                        | <input checked="" type="checkbox"/> After Final                              |
| <input type="checkbox"/> Extension of Time Request                         | <input type="checkbox"/> Affidavits/declaration(s)                           |
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| <input type="checkbox"/> Drawing(s)                                       |
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| <input type="checkbox"/> Petition to Convert to a Provisional Application |
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Remarks

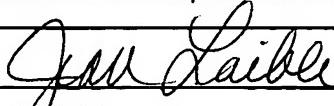
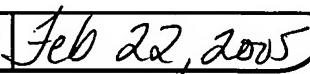
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| <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Status Letter  |
| <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):         |
| <input type="checkbox"/> 4 Case Citation  |
| <input type="checkbox"/> Fig 6 Annotated - 1p   |
| <input type="checkbox"/> Fig 6 Replacement - 1p   |
| <input type="checkbox"/> Return Postcard  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Eckert Seamans Cherin & Mellott		
Signature			
Printed name	Daniel C. Abeles		
Date		Reg. No.	25,822

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MARK P. GOLDENFIELD et al.

Serial No. 10/657,025

Filed: September 5, 2003

Atty Docket: ARF 2002-014

: Examiner: H.E. Behrend

: Art Unit: 3641

: Entitled:

: NUCLEAR REACTOR  
: FUEL ASSEMBLIES

**February 22, 2005**

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**RESPONSE AND AMENDMENT**

In response to the Office Action of December 22, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 9 of this paper.

**An Appendix**, including amended drawing figures, is attached following page 14 of this paper.